



**DESIGNED AND  
MANUFACTURED  
IN ENGLAND**

# **EASY LOG**

**The ships log that doesn't  
need a paddlewheel**

## **INSTALLATION AND USER INSTRUCTIONS**

**NASA** →  

---

MARINE INSTRUMENTS

**RoHS** ✓  
2002/95/EC



NASA MARINE Ltd.  
BOULTON ROAD  
STEVENAGE  
HERTS SG1 4QG  
ENGLAND





EASY LOG. The ships log that doesn't need a paddlewheel.

## **Introduction.**

The clipper easy log is intended to be connected to a GPS receiver and will display the speed over ground, the trip distance and total distance travelled.

Alternatively it can be connected to an existing log and function as a second station.

## **System requirements.**

When connected to a GPS the easy log gets the Speed Over Ground from the GPS and calculates the trip and total distances.

The GPS must have an NMEA-0183 output which includes the RMC sentence.

When used as a second station the existing log must have an NMEA-0183 output which includes VHW and VLW sentences.

## **Installation**

Select a convenient position for the easylog on a panel or bulkhead. The site must be flat and the cavity behind the panel must remain dry at all times. Cut a hole in the panel 87mm wide and 67mm deep. Fit the "O" ring into the groove on the rear face of the easylog. Pass the wiring through the hole in the panel and connect the Black wire to the supply negative. Connect the red wire to the 12 volt supply via a 1 Amp fuse. Connect the blue wire to the NMEA output (NMEA +ve) of the sender instrument and connect the brown wire to the NMEA reference (NMEA -ve). If the sender does not have a connection marked NMEA reference (NMEA -ve) then connect the brown wire also to the supply negative. A suitable terminal block and a 10 metre length of cable is supplied if the easylog is located some distance from the sender.

Remove the wing nut from the rear of the instrument and remove the clamping bracket.

Fit the instrument into the panel ensuring that the "O" ring forms a watertight seal between the instrument and panel. Refit the clamping bracket and finger tighten the wing nut. Ensure the wires run vertically downward at the rear of the instrument to prevent any moisture running down the wires into the unit.

## **USING THE EASY LOG**

### **Backlight**

Alternate pressing of the backlight key will select "L" (lower) or "H" (higher) in the bottom left of the screen. When "L" is displayed then holding the key down will lower the backlight intensity. When "H" is displayed holding the key down will increase the intensity.

### **Speed**

Pressing speed at any time will show the current speed. An arrow on the screen will point right if the speed is increasing, point left if speed is decreasing and a bar is displayed when speed is constant.

### **Trip**

Pressing trip at any time will show the trip distance since the trip was last reset to zero. To reset the trip when used with a GPS. Select trip. Hold the trip key depressed. The display will count down from 5 to 0. The trip will now be reset. Note this operation does not effect the total distance.

## **Total**

Pressing total at any time will display the total distance recorded since the easy log was installed. When connected to a GPS the total is intended to be a permanent record of distance travelled and cannot be reset.

## **Further information**

For ease of reading thousand units of nautical miles are shown at the top left of the display. The backlighting is concentrated on the more important areas of the display.

When power is applied the screen will show the word "ON" no other functions will be possible until the easylog receives NMEA data from the sender.



## IMPORTANT READ THIS BEFORE UNPACKING INSTRUMENT

Prior to unpacking this instrument read and fully understand the installation instructions. Only proceed with the installation if you are competent to do so. Nasa Marine Ltd. will not accept any responsibility for injury or damage caused by, during or as a result of the installation of this product. Any piece of equipment can fail due to a number of causes. Do not install this equipment if it is the only source of information and its failure could result in injury or death. Instead return the instrument to your retailer for full credit. Remember this equipment is an aid to navigation and not a substitute for proper seamanship. This instrument is used at your own risk, use it prudently and check its operation from time to time against other data. Inspect the installation from time to time and seek advice if any part thereof is not fully seaworthy.

### LIMITED WARRANTY

Nasa Marine Ltd. warrants this instrument to be substantially free of defects in both materials and workmanship for a period of one year from the date of purchase. Nasa Marine Ltd. will at its discretion repair or replace any components which fail in normal use within the warranty period. Such repairs or replacements will be made at no charge to the customer for parts and labour. The customer is however responsible for transport costs. This warranty excludes failures resulting from abuse, misuse, accident or unauthorised modifications or repairs. In no event shall Nasa Marine Ltd. be liable for incidental, special, indirect or consequential damages, whether resulting from the use, misuse, the inability to correctly use the instrument or from defects in the instrument. If any of the above terms are unacceptable to you then return the instrument unopened and unused to your retailer for full credit.

Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Dealer Name \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Date of Purchase \_\_\_\_\_

**Proof of purchase may be required for warranty claims.**

**Nasa Marine Ltd.**

**Boulton Road, Stevenage, Herts SG1 4QG England**

#### **Declaration of Conformity**

NASA Marine Ltd declare this product is in compliance with the essential requirements of R&TTE directive 1995/5/EC.

The original Declaration of Conformity certificate can be requested at [info@nasamarine.com](mailto:info@nasamarine.com)

**THIS PRODUCT IS INTENDED FOR USE ONLY ON NON SOLAS VESSELS**

